

Absorbance at 550 nM x 1000



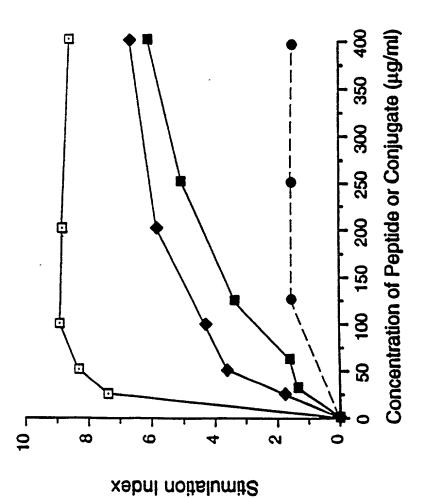
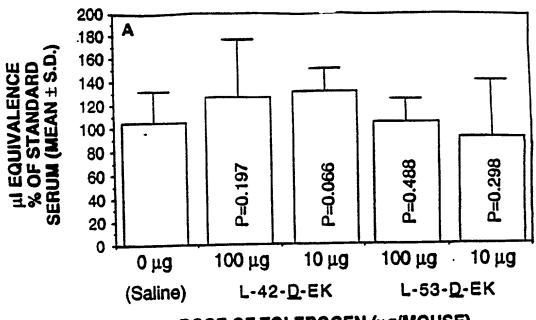


FIG. 2

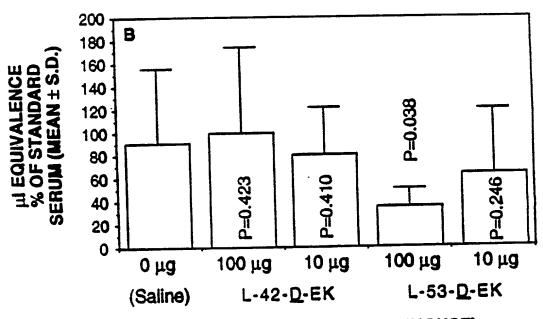
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DOSE OF TOLEROGEN (µg/MOUSE)

FIG. 3A



DOSE OF TOLEROGEN (µg/MOUSE)

FIG. 3B

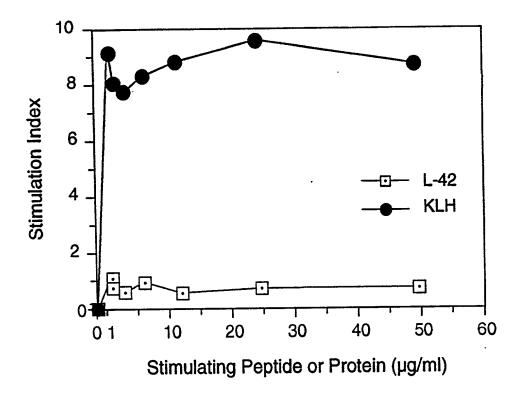
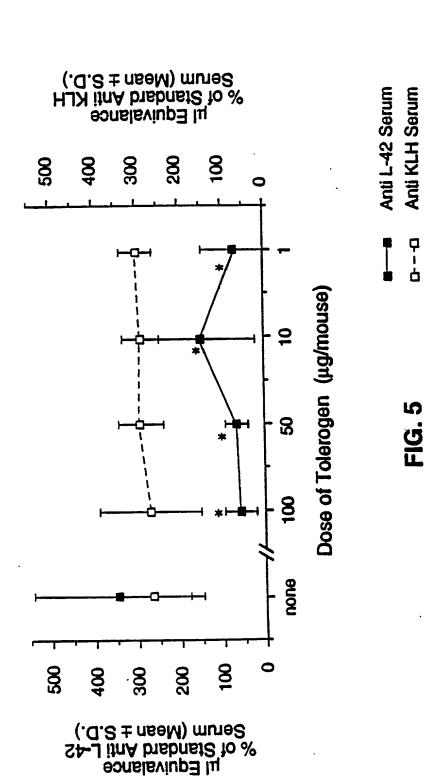


FIG. 4





Title: A COMPOSITION FOR INDUCING HUMORAL ANERGY TO AN IMMUNOGEN COMPRISING A T CELL EPITOPE-DEFICIENT ANALOG OF THE IMMUNOGEN CONJUGATED TO A NONIMMUNOGENIC VALENCY PLATFORM MOLECULE

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T Cell Proliferation Induced by Mellitin Peptides

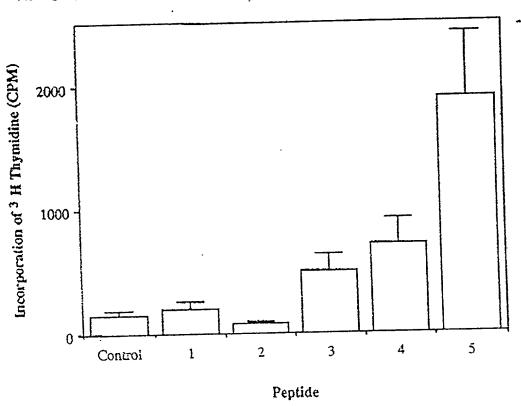
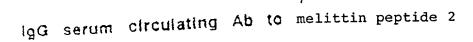
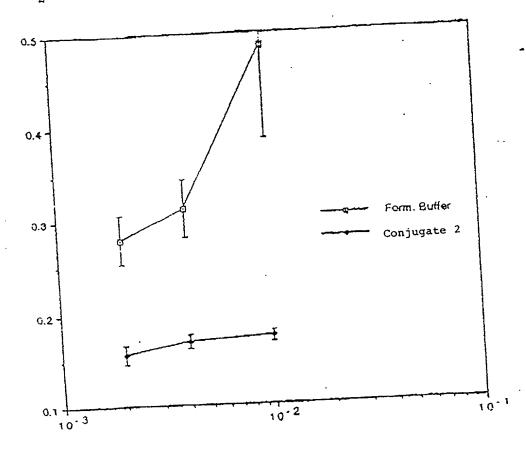


FIGURE 6

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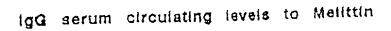
serum dilution

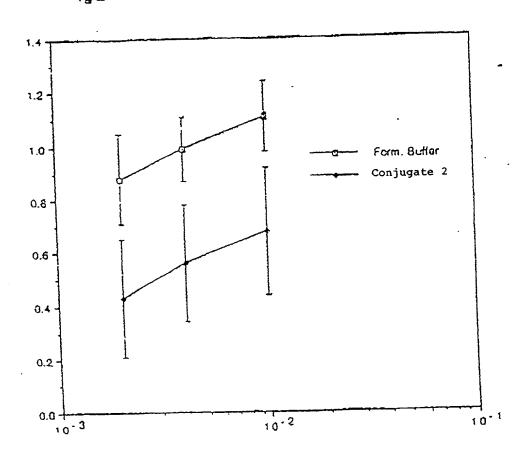
FIGURE 7

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O.D. 450 nm

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serum dilution

FIGURE 8

Title: A COMPOSITION FOR INDUCING HUMORAL ANERGY TO AN IMMUNOGEN COMPRISING A T CELL EPITOPE-DEFICIENT ANALOG OF THE IMMUNOGEN CONJUGATED TO A NONIMMUNOGENIC VALENCY PLATFORM MOLECULE Inventor: Stephen M. COUTTS et al.

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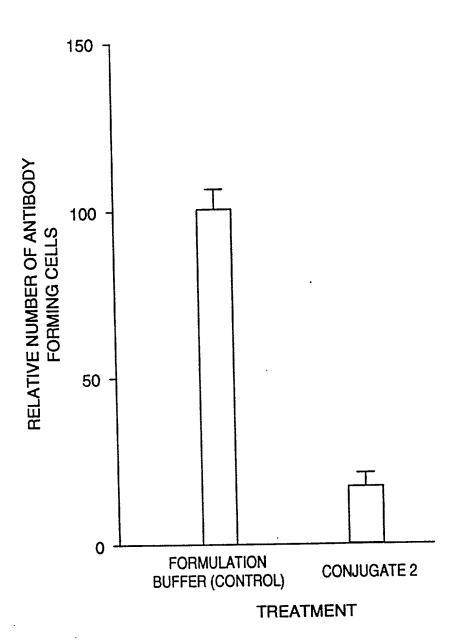


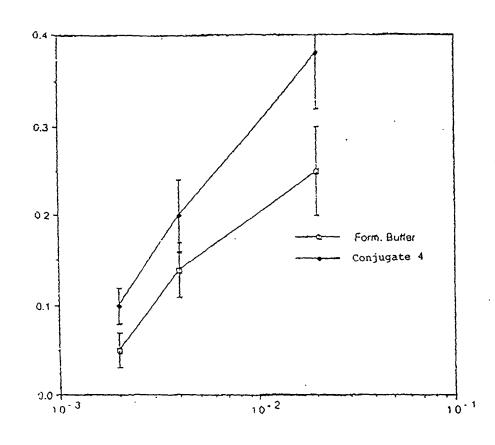
FIG. 9

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O.D. 450 nm



serum dilution

FIGURE 10

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Melittin Peptide Conjugates

Melittin Conjugate # 1, R = H2N-Trp-IIe-Lys-Arg-Lys-Arg-GIn-GIn-Lys-Cys-GIy-CO2H

Melittin Conjugate # 3, R = $H_2^{-}N$ -Trp-IIe-Lys-Arg-Lys-Arg-Gin-Gin-Lys-Cys-Gly-CO₂H Melittin Conjugate # 4, R = $H_2^{-}N$ -Cys-IIe-Ser-Trp-IIe-Lys-Arg-Lys-Arg-Gin-Gin-Giy-CO₂H Melittin Conjugate # 5, R = (H2N-Trp-IIe-Lys-Afg-Lys-Arg-Gln-Gln)2-Lys-Cys-Gly-CO2H Melittin Conjugate # 2, R = H2N-Cys-Trp-IIe-Lys-Arg-Lys-Arg-Gln-Gln-Gly-CO2H

Melittin peptides attached through sulfur atom on added cysteine, average n = approx. 74

FIGURE 11